

BFOU (c) 250V Instrumentation & Communication Cable Fire Resistant



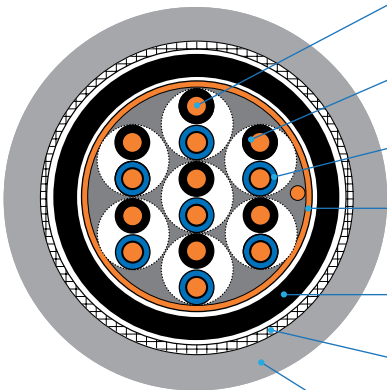
CABLE DESIGNATION (S104)

250V BFOU(c)

APPLICATION STANDARD

|                           |                                                                       |
|---------------------------|-----------------------------------------------------------------------|
| Design guide              | NEK-606 & IEC 60092-376                                               |
| Flame retardant           | IEC 60332-1 & IEC 60332-3 Category A                                  |
| Fire resistance           | IEC 60331-21(90min)<br>IEC 60331-1,-2(120min)                         |
| Halogen content           | IEC 60754-1, 0.5%↓                                                    |
| Cold bend / impact        | CSA C22.2 No. 2556 or IEC 60092-350<br>Annex.E Method 1 (-40°C/-35°C) |
| Mud / Oil resistant       | NEK 606 (Category a,b,c,d)                                            |
| Smoke light transmittance | IEC 61034, 60%↑                                                       |
| Sunlight (UV) resistant   | UL 1581                                                               |

CONSTRUCTION



Sectional view

Conductor

Stranded tinned annealed copper wires as per IEC 60228, Class 2

Fire resisting layer

Mica/glass tape

Insulation

EPR as per IEC 60092-360

Collective screen

CU/PS or AL/PS tape + Tinned copper drain wire

Inner covering

Flame retardant halogen free thermoset compound

Armor

- Braid of tinned copper wire (O) / bronze wire (B) /galvanized steel wire (C)
- A suitable separator tape(s) may be applied under/over the armor

Sheath

- SHF2 as per IEC 60092-360
- **Option** : NEK 606 Category a,b,c,d Mud or oil resistant
- Outer sheath color : Grey (Non-IS Type) or Blue (IS Type)

Core identification

Each Pair / Triad : Core color  
Pair : Black, Light blue  
Triad : Black, Light blue, Brown  
Multi Pairs / Triads : Number printing on the insulation or numbered tape

Twisting

- Two/Three Insulated cores shall be twisted together to form a pair/Triad

Cabling

- Twisted pairs / triads shall be cabled
- Flame retardant & non-hygroscopic fillers may be used
- Suitable tape(s) may be applied on the cabled core
- A Filler may be applied to obtain a circular Cable

Note. 1. Flexible cable (Class5 Conductor) can be supplied

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250V BFOU(c)

NEK-606, IEC 60092-350, 353, 354, 376

| No. of Pairs | Conductor       |                   |                   | Thickness of Insulation | Thickness of inner covering | Nominal dia. inner covering | Dia. of wire for armour | Thickness of sheath | Overall diameter |           | Conductor Resistance (at 20°C) (Max.) | Insulation Resistance (at 20°C) (Min.) | Test Voltage | Cable Weight Approx. |
|--------------|-----------------|-------------------|-------------------|-------------------------|-----------------------------|-----------------------------|-------------------------|---------------------|------------------|-----------|---------------------------------------|----------------------------------------|--------------|----------------------|
|              | Nominal Area    | Max. No. of wires | Max. overall dia. |                         |                             |                             |                         |                     | Nominal          | Tolerance |                                       |                                        |              |                      |
| No.          | mm <sup>2</sup> | EA                | mm                | mm                      | mm                          | mm                          | mm                      | mm                  | mm               | ±mm       | Ω/km                                  | MΩ-km                                  | V/5min.      | kg/km                |
| 1P           | 0.75            | 7                 | 1.2               | 0.6                     | 1.0                         | 8.1                         | 0.3                     | 1.2                 | 12.0             | 0.8       | 26.3                                  | 1,170                                  | 1,500        | 240                  |
| 2P           | 0.75            | 7                 | 1.2               | 0.6                     | 1.0                         | 12.1                        | 0.3                     | 1.3                 | 16.2             | 0.8       | 26.3                                  | 1,170                                  | 1,500        | 390                  |
| 3P           | 0.75            | 7                 | 1.2               | 0.6                     | 1.0                         | 12.9                        | 0.3                     | 1.4                 | 17.2             | 0.8       | 26.3                                  | 1,170                                  | 1,500        | 440                  |
| 4P           | 0.75            | 7                 | 1.2               | 0.6                     | 1.0                         | 13.8                        | 0.3                     | 1.4                 | 18.1             | 0.8       | 26.3                                  | 1,170                                  | 1,500        | 500                  |
| 5P           | 0.75            | 7                 | 1.2               | 0.6                     | 1.0                         | 15.5                        | 0.3                     | 1.5                 | 20.0             | 0.9       | 26.3                                  | 1,170                                  | 1,500        | 590                  |
| 6P           | 0.75            | 7                 | 1.2               | 0.6                     | 1.0                         | 16.7                        | 0.3                     | 1.5                 | 21.2             | 0.9       | 26.3                                  | 1,170                                  | 1,500        | 660                  |
| 7P           | 0.75            | 7                 | 1.2               | 0.6                     | 1.0                         | 16.7                        | 0.3                     | 1.5                 | 21.2             | 0.9       | 26.3                                  | 1,170                                  | 1,500        | 670                  |
| 8P           | 0.75            | 7                 | 1.2               | 0.6                     | 1.0                         | 17.9                        | 0.3                     | 1.6                 | 22.6             | 1.0       | 26.3                                  | 1,170                                  | 1,500        | 750                  |
| 10P          | 0.75            | 7                 | 1.2               | 0.6                     | 1.0                         | 20.2                        | 0.3                     | 1.7                 | 25.1             | 1.1       | 26.3                                  | 1,170                                  | 1,500        | 910                  |
| 12P          | 0.75            | 7                 | 1.2               | 0.6                     | 1.0                         | 21.1                        | 0.3                     | 1.7                 | 26.0             | 1.1       | 26.3                                  | 1,170                                  | 1,500        | 990                  |
| 14P          | 0.75            | 7                 | 1.2               | 0.6                     | 1.0                         | 21.9                        | 0.3                     | 1.7                 | 26.8             | 1.1       | 26.3                                  | 1,170                                  | 1,500        | 1,060                |
| 16P          | 0.75            | 7                 | 1.2               | 0.6                     | 1.0                         | 23.7                        | 0.3                     | 1.8                 | 28.8             | 1.2       | 26.3                                  | 1,170                                  | 1,500        | 1,200                |
| 19P          | 0.75            | 7                 | 1.2               | 0.6                     | 1.0                         | 24.8                        | 0.3                     | 1.8                 | 29.9             | 1.2       | 26.3                                  | 1,170                                  | 1,500        | 1,320                |
| 24P          | 0.75            | 7                 | 1.2               | 0.6                     | 1.2                         | 29.1                        | 0.3                     | 2.0                 | 34.4             | 1.5       | 26.3                                  | 1,170                                  | 1,500        | 1,740                |
| 32P          | 0.75            | 7                 | 1.2               | 0.6                     | 1.2                         | 33.2                        | 0.4                     | 2.2                 | 39.3             | 1.7       | 26.3                                  | 1,170                                  | 1,500        | 2,290                |
| 1P           | 1.0             | 7                 | 1.4               | 0.6                     | 1.0                         | 8.5                         | 0.3                     | 1.2                 | 12.4             | 0.7       | 19.3                                  | 1,050                                  | 1,500        | 250                  |
| 2P           | 1.0             | 7                 | 1.4               | 0.6                     | 1.0                         | 12.7                        | 0.3                     | 1.4                 | 17.0             | 0.8       | 19.3                                  | 1,050                                  | 1,500        | 430                  |
| 3P           | 1.0             | 7                 | 1.4               | 0.6                     | 1.0                         | 13.7                        | 0.3                     | 1.4                 | 18.0             | 0.8       | 19.3                                  | 1,050                                  | 1,500        | 490                  |
| 4P           | 1.0             | 7                 | 1.4               | 0.6                     | 1.0                         | 14.6                        | 0.3                     | 1.4                 | 18.9             | 0.9       | 19.3                                  | 1,050                                  | 1,500        | 550                  |
| 5P           | 1.0             | 7                 | 1.4               | 0.6                     | 1.0                         | 16.5                        | 0.3                     | 1.5                 | 21.0             | 0.9       | 19.3                                  | 1,050                                  | 1,500        | 650                  |
| 6P           | 1.0             | 7                 | 1.4               | 0.6                     | 1.0                         | 17.7                        | 0.3                     | 1.6                 | 22.4             | 1.0       | 19.3                                  | 1,050                                  | 1,500        | 740                  |
| 7P           | 1.0             | 7                 | 1.4               | 0.6                     | 1.0                         | 17.7                        | 0.3                     | 1.6                 | 22.4             | 1.0       | 19.3                                  | 1,050                                  | 1,500        | 760                  |
| 8P           | 1.0             | 7                 | 1.4               | 0.6                     | 1.0                         | 18.9                        | 0.3                     | 1.6                 | 23.6             | 1.0       | 19.3                                  | 1,050                                  | 1,500        | 840                  |
| 10P          | 1.0             | 7                 | 1.4               | 0.6                     | 1.0                         | 21.4                        | 0.3                     | 1.7                 | 26.3             | 1.1       | 19.3                                  | 1,050                                  | 1,500        | 1,010                |
| 12P          | 1.0             | 7                 | 1.4               | 0.6                     | 1.0                         | 22.4                        | 0.3                     | 1.7                 | 27.3             | 1.1       | 19.3                                  | 1,050                                  | 1,500        | 1,110                |
| 14P          | 1.0             | 7                 | 1.4               | 0.6                     | 1.0                         | 23.3                        | 0.3                     | 1.8                 | 28.4             | 1.2       | 19.3                                  | 1,050                                  | 1,500        | 1,210                |
| 16P          | 1.0             | 7                 | 1.4               | 0.6                     | 1.0                         | 25.1                        | 0.3                     | 1.9                 | 30.4             | 1.2       | 19.3                                  | 1,050                                  | 1,500        | 1,370                |
| 19P          | 1.0             | 7                 | 1.4               | 0.6                     | 1.0                         | 26.4                        | 0.3                     | 1.9                 | 31.7             | 1.3       | 19.3                                  | 1,050                                  | 1,500        | 1,510                |
| 24P          | 1.0             | 7                 | 1.4               | 0.6                     | 1.2                         | 30.9                        | 0.4                     | 2.1                 | 36.8             | 1.6       | 19.3                                  | 1,050                                  | 1,500        | 2,070                |
| 32P          | 1.0             | 7                 | 1.4               | 0.6                     | 1.2                         | 35.2                        | 0.4                     | 2.3                 | 41.5             | 1.8       | 19.3                                  | 1,050                                  | 1,500        | 2,600                |
| 1P           | 1.5             | 7                 | 1.7               | 0.7                     | 1.0                         | 9.5                         | 0.3                     | 1.2                 | 13.3             | 0.8       | 12.9                                  | 1,020                                  | 1,500        | 290                  |
| 2P           | 1.5             | 7                 | 1.7               | 0.7                     | 1.0                         | 14.4                        | 0.3                     | 1.4                 | 18.7             | 0.9       | 12.9                                  | 1,020                                  | 1,500        | 510                  |
| 3P           | 1.5             | 7                 | 1.7               | 0.7                     | 1.0                         | 15.5                        | 0.3                     | 1.5                 | 19.9             | 1.0       | 12.9                                  | 1,020                                  | 1,500        | 590                  |
| 4P           | 1.5             | 7                 | 1.7               | 0.7                     | 1.0                         | 16.6                        | 0.3                     | 1.5                 | 21.0             | 1.0       | 12.9                                  | 1,020                                  | 1,500        | 670                  |
| 5P           | 1.5             | 7                 | 1.7               | 0.7                     | 1.0                         | 18.8                        | 0.3                     | 1.6                 | 23.4             | 1.2       | 12.9                                  | 1,020                                  | 1,500        | 810                  |
| 6P           | 1.5             | 7                 | 1.7               | 0.7                     | 1.0                         | 20.2                        | 0.3                     | 1.7                 | 25.0             | 1.2       | 12.9                                  | 1,020                                  | 1,500        | 920                  |
| 7P           | 1.5             | 7                 | 1.7               | 0.7                     | 1.0                         | 20.2                        | 0.3                     | 1.7                 | 25.0             | 1.2       | 12.9                                  | 1,020                                  | 1,500        | 950                  |
| 8P           | 1.5             | 7                 | 1.7               | 0.7                     | 1.0                         | 21.6                        | 0.3                     | 1.7                 | 26.4             | 1.2       | 12.9                                  | 1,020                                  | 1,500        | 1,050                |
| 10P          | 1.5             | 7                 | 1.7               | 0.7                     | 1.0                         | 24.5                        | 0.3                     | 1.8                 | 29.5             | 1.4       | 12.9                                  | 1,020                                  | 1,500        | 1,270                |
| 12P          | 1.5             | 7                 | 1.7               | 0.7                     | 1.0                         | 25.6                        | 0.3                     | 1.9                 | 30.8             | 1.4       | 12.9                                  | 1,020                                  | 1,500        | 1,410                |
| 14P          | 1.5             | 7                 | 1.7               | 0.7                     | 1.0                         | 26.7                        | 0.3                     | 1.9                 | 31.8             | 1.5       | 12.9                                  | 1,020                                  | 1,500        | 1,530                |
| 16P          | 1.5             | 7                 | 1.7               | 0.7                     | 1.2                         | 29.6                        | 0.3                     | 2.0                 | 34.8             | 1.8       | 12.9                                  | 1,020                                  | 1,500        | 1,840                |
| 19P          | 1.5             | 7                 | 1.7               | 0.7                     | 1.2                         | 31.1                        | 0.4                     | 2.1                 | 36.8             | 1.8       | 12.9                                  | 1,020                                  | 1,500        | 2,140                |
| 24P          | 1.5             | 7                 | 1.7               | 0.7                     | 1.2                         | 35.4                        | 0.4                     | 2.3                 | 41.5             | 2.0       | 12.9                                  | 1,020                                  | 1,500        | 2,650                |
| 32P          | 1.5             | 7                 | 1.7               | 0.7                     | 1.4                         | 40.8                        | 0.4                     | 2.5                 | 47.3             | 2.2       | 12.9                                  | 1,020                                  | 1,500        | 3,420                |
| 1P           | 2.5             | 7                 | 2.2               | 0.7                     | 1.0                         | 10.3                        | 0.3                     | 1.3                 | 14.4             | 0.7       | 8.02                                  | 850                                    | 1,500        | 350                  |
| 2P           | 2.5             | 7                 | 2.2               | 0.7                     | 1.0                         | 15.8                        | 0.3                     | 1.5                 | 20.3             | 0.9       | 8.02                                  | 850                                    | 1,500        | 610                  |
| 3P           | 2.5             | 7                 | 2.2               | 0.7                     | 1.0                         | 17.0                        | 0.3                     | 1.5                 | 21.5             | 0.9       | 8.02                                  | 850                                    | 1,500        | 710                  |
| 4P           | 2.5             | 7                 | 2.2               | 0.7                     | 1.0                         | 18.2                        | 0.3                     | 1.6                 | 22.9             | 1.0       | 8.02                                  | 850                                    | 1,500        | 820                  |
| 5P           | 2.5             | 7                 | 2.2               | 0.7                     | 1.0                         | 20.6                        | 0.3                     | 1.7                 | 25.5             | 1.1       | 8.02                                  | 850                                    | 1,500        | 990                  |
| 6P           | 2.5             | 7                 | 2.2               | 0.7                     | 1.0                         | 22.2                        | 0.3                     | 1.7                 | 27.1             | 1.1       | 8.02                                  | 850                                    | 1,500        | 1,120                |
| 7P           | 2.5             | 7                 | 2.2               | 0.7                     | 1.0                         | 22.2                        | 0.3                     | 1.7                 | 27.1             | 1.1       | 8.02                                  | 850                                    | 1,500        | 1,170                |
| 8P           | 2.5             | 7                 | 2.2               | 0.7                     | 1.0                         | 23.8                        | 0.3                     | 1.8                 | 28.9             | 1.2       | 8.02                                  | 850                                    | 1,500        | 1,310                |
| 10P          | 2.5             | 7                 | 2.2               | 0.7                     | 1.0                         | 27.0                        | 0.3                     | 1.9                 | 32.3             | 1.3       | 8.02                                  | 850                                    | 1,500        | 1,600                |
| 12P          | 2.5             | 7                 | 2.2               | 0.7                     | 1.2                         | 29.0                        | 0.3                     | 2.0                 | 34.3             | 1.5       | 8.02                                  | 850                                    | 1,500        | 1,880                |
| 14P          | 2.5             | 7                 | 2.2               | 0.7                     | 1.2                         | 30.2                        | 0.4                     | 2.1                 | 35.8             | 1.9       | 8.02                                  | 850                                    | 1,500        | 2,160                |
| 16P          | 2.5             | 7                 | 2.2               | 0.7                     | 1.2                         | 32.6                        | 0.4                     | 2.2                 | 38.7             | 1.9       | 8.02                                  | 850                                    | 1,500        | 2,440                |
| 19P          | 2.5             | 7                 | 2.2               | 0.7                     | 1.2                         | 34.2                        | 0.4                     | 2.2                 | 40.3             | 1.9       | 8.02                                  | 850                                    | 1,500        | 2,710                |
| 24P          | 2.5             | 7                 | 2.2               | 0.7                     | 1.4                         | 39.4                        | 0.4                     | 2.4                 | 45.9             | 1.9       | 8.02                                  | 850                                    | 1,500        | 3,440                |
| 32P          | 2.5             | 7                 | 2.2               | 0.7                     | 1.4                         | 45.0                        | 0.4                     | 2.7                 | 52.1             | 2.1       | 8.02                                  | 850                                    | 1,500        | 4,400                |

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250V BFOU(c)

| No. of Triads | Conductor       |                   |                   | Thickness of Insulation | Thickness of inner covering | Nominal dia. inner covering | Dia. of wire for armour | Thickness of sheath | Overall diameter |           | Conductor Resistance (at 20°C) (Max.) | Insulation Resistance (at 20°C) (Min.) | Test Voltage | Cable Weight Approx. |
|---------------|-----------------|-------------------|-------------------|-------------------------|-----------------------------|-----------------------------|-------------------------|---------------------|------------------|-----------|---------------------------------------|----------------------------------------|--------------|----------------------|
|               | Nominal Area    | Max. No. of wires | Max. overall dia. |                         |                             |                             |                         |                     | Nominal          | Tolerance |                                       |                                        |              |                      |
| No.           | mm <sup>2</sup> | EA                | mm                | mm                      | mm                          | mm                          | mm                      | mm                  | mm               | ±mm       | Ω/km                                  | MΩ-km                                  | V/5min.      | kg/km                |
| 1T            | 0.75            | 7                 | 1.2               | 0.6                     | 1.0                         | 8.5                         | 0.3                     | 1.2                 | 12.4             | 0.8       | 26.3                                  | 1,170                                  | 1,500        | 260                  |
| 2T            | 0.75            | 7                 | 1.2               | 0.6                     | 1.0                         | 13.1                        | 0.3                     | 1.4                 | 17.4             | 0.8       | 26.3                                  | 1,170                                  | 1,500        | 450                  |
| 3T            | 0.75            | 7                 | 1.2               | 0.6                     | 1.0                         | 14.0                        | 0.3                     | 1.4                 | 18.3             | 0.8       | 26.3                                  | 1,170                                  | 1,500        | 510                  |
| 4T            | 0.75            | 7                 | 1.2               | 0.6                     | 1.0                         | 15.4                        | 0.3                     | 1.5                 | 19.9             | 0.9       | 26.3                                  | 1,170                                  | 1,500        | 610                  |
| 5T            | 0.75            | 7                 | 1.2               | 0.6                     | 1.0                         | 17.2                        | 0.3                     | 1.5                 | 21.7             | 1.0       | 26.3                                  | 1,170                                  | 1,500        | 710                  |
| 6T            | 0.75            | 7                 | 1.2               | 0.6                     | 1.0                         | 19.5                        | 0.3                     | 1.6                 | 24.2             | 1.0       | 26.3                                  | 1,170                                  | 1,500        | 850                  |
| 7T            | 0.75            | 7                 | 1.2               | 0.6                     | 1.0                         | 19.5                        | 0.3                     | 1.6                 | 24.2             | 1.0       | 26.3                                  | 1,170                                  | 1,500        | 880                  |
| 8T            | 0.75            | 7                 | 1.2               | 0.6                     | 1.0                         | 20.9                        | 0.3                     | 1.7                 | 25.8             | 1.1       | 26.3                                  | 1,170                                  | 1,500        | 980                  |
| 10T           | 0.75            | 7                 | 1.2               | 0.6                     | 1.0                         | 23.8                        | 0.3                     | 1.8                 | 28.9             | 1.2       | 26.3                                  | 1,170                                  | 1,500        | 1,200                |
| 12T           | 0.75            | 7                 | 1.2               | 0.6                     | 1.0                         | 25.2                        | 0.3                     | 1.9                 | 30.5             | 1.2       | 26.3                                  | 1,170                                  | 1,500        | 1,340                |
| 14T           | 0.75            | 7                 | 1.2               | 0.6                     | 1.0                         | 26.4                        | 0.3                     | 1.9                 | 31.7             | 1.3       | 26.3                                  | 1,170                                  | 1,500        | 1,470                |
| 16T           | 0.75            | 7                 | 1.2               | 0.6                     | 1.2                         | 28.9                        | 0.3                     | 2.0                 | 34.2             | 1.5       | 26.3                                  | 1,170                                  | 1,500        | 1,740                |
| 19T           | 0.75            | 7                 | 1.2               | 0.6                     | 1.2                         | 31.2                        | 0.4                     | 2.1                 | 37.1             | 1.6       | 26.3                                  | 1,170                                  | 1,500        | 2,080                |
| 24T           | 0.75            | 7                 | 1.2               | 0.6                     | 1.2                         | 34.6                        | 0.4                     | 2.3                 | 40.8             | 1.8       | 26.3                                  | 1,170                                  | 1,500        | 2,500                |
| 32T           | 0.75            | 7                 | 1.2               | 0.6                     | 1.4                         | 40.2                        | 0.4                     | 2.5                 | 46.9             | 1.9       | 26.3                                  | 1,170                                  | 1,500        | 3,260                |
| 1T            | 1.0             | 7                 | 1.4               | 0.6                     | 1.0                         | 8.6                         | 0.3                     | 1.2                 | 12.7             | 0.9       | 19.3                                  | 1,050                                  | 1,500        | 270                  |
| 2T            | 1.0             | 7                 | 1.4               | 0.6                     | 1.0                         | 13.3                        | 0.3                     | 1.4                 | 18.0             | 1.2       | 19.3                                  | 1,050                                  | 1,500        | 490                  |
| 3T            | 1.0             | 7                 | 1.4               | 0.6                     | 1.0                         | 14.2                        | 0.3                     | 1.4                 | 18.9             | 1.3       | 19.3                                  | 1,050                                  | 1,500        | 560                  |
| 4T            | 1.0             | 7                 | 1.4               | 0.6                     | 1.0                         | 15.6                        | 0.3                     | 1.5                 | 20.6             | 1.4       | 19.3                                  | 1,050                                  | 1,500        | 670                  |
| 5T            | 1.0             | 7                 | 1.4               | 0.6                     | 1.0                         | 17.4                        | 0.3                     | 1.5                 | 22.5             | 1.6       | 19.3                                  | 1,050                                  | 1,500        | 780                  |
| 6T            | 1.0             | 7                 | 1.4               | 0.6                     | 1.0                         | 19.7                        | 0.3                     | 1.6                 | 25.1             | 1.8       | 19.3                                  | 1,050                                  | 1,500        | 930                  |
| 7T            | 1.0             | 7                 | 1.4               | 0.6                     | 1.0                         | 19.7                        | 0.3                     | 1.6                 | 25.1             | 1.9       | 19.3                                  | 1,050                                  | 1,500        | 970                  |
| 8T            | 1.0             | 7                 | 1.4               | 0.6                     | 1.0                         | 21.2                        | 0.3                     | 1.7                 | 26.7             | 1.9       | 19.3                                  | 1,050                                  | 1,500        | 1,100                |
| 10T           | 1.0             | 7                 | 1.4               | 0.6                     | 1.0                         | 24.1                        | 0.3                     | 1.8                 | 30.0             | 2.0       | 19.3                                  | 1,050                                  | 1,500        | 1,340                |
| 12T           | 1.0             | 7                 | 1.4               | 0.6                     | 1.0                         | 25.6                        | 0.3                     | 1.9                 | 32.0             | 2.4       | 19.3                                  | 1,050                                  | 1,500        | 1,520                |
| 14T           | 1.0             | 7                 | 1.4               | 0.6                     | 1.0                         | 26.8                        | 0.3                     | 1.9                 | 33.2             | 2.4       | 19.3                                  | 1,050                                  | 1,500        | 1,660                |
| 16T           | 1.0             | 7                 | 1.4               | 0.6                     | 1.2                         | 29.3                        | 0.3                     | 2.0                 | 35.8             | 2.4       | 19.3                                  | 1,050                                  | 1,500        | 1,970                |
| 19T           | 1.0             | 7                 | 1.4               | 0.6                     | 1.2                         | 31.7                        | 0.4                     | 2.1                 | 38.6             | 2.4       | 19.3                                  | 1,050                                  | 1,500        | 2,350                |
| 24T           | 1.0             | 7                 | 1.4               | 0.6                     | 1.2                         | 35.2                        | 0.4                     | 2.3                 | 42.5             | 2.4       | 19.3                                  | 1,050                                  | 1,500        | 2,850                |
| 32T           | 1.0             | 7                 | 1.4               | 0.6                     | 1.4                         | 40.8                        | 0.4                     | 2.5                 | 48.8             | 2.8       | 19.3                                  | 1,050                                  | 1,500        | 3,710                |
| 1T            | 1.5             | 7                 | 1.7               | 0.7                     | 1.0                         | 10.1                        | 0.3                     | 1.3                 | 14.0             | 0.9       | 12.9                                  | 1,020                                  | 1,500        | 330                  |
| 2T            | 1.5             | 7                 | 1.7               | 0.7                     | 1.0                         | 16.0                        | 0.3                     | 1.5                 | 20.4             | 1.0       | 12.9                                  | 1,020                                  | 1,500        | 610                  |
| 3T            | 1.5             | 7                 | 1.7               | 0.7                     | 1.0                         | 17.0                        | 0.3                     | 1.5                 | 21.4             | 1.0       | 12.9                                  | 1,020                                  | 1,500        | 700                  |
| 4T            | 1.5             | 7                 | 1.7               | 0.7                     | 1.0                         | 18.8                        | 0.3                     | 1.6                 | 23.4             | 1.1       | 12.9                                  | 1,020                                  | 1,500        | 840                  |
| 5T            | 1.5             | 7                 | 1.7               | 0.7                     | 1.0                         | 21.0                        | 0.3                     | 1.7                 | 25.8             | 1.2       | 12.9                                  | 1,020                                  | 1,500        | 1,000                |
| 6T            | 1.5             | 7                 | 1.7               | 0.7                     | 1.0                         | 23.9                        | 0.3                     | 1.8                 | 28.9             | 1.4       | 12.9                                  | 1,020                                  | 1,500        | 1,210                |
| 7T            | 1.5             | 7                 | 1.7               | 0.7                     | 1.0                         | 23.9                        | 0.3                     | 1.8                 | 28.9             | 1.4       | 12.9                                  | 1,020                                  | 1,500        | 1,260                |
| 8T            | 1.5             | 7                 | 1.7               | 0.7                     | 1.0                         | 25.7                        | 0.3                     | 1.9                 | 30.9             | 1.4       | 12.9                                  | 1,020                                  | 1,500        | 1,420                |
| 10T           | 1.5             | 7                 | 1.7               | 0.7                     | 1.2                         | 30.1                        | 0.4                     | 2.1                 | 35.6             | 2.0       | 12.9                                  | 1,020                                  | 1,500        | 1,950                |
| 12T           | 1.5             | 7                 | 1.7               | 0.7                     | 1.2                         | 32.0                        | 0.4                     | 2.1                 | 37.7             | 2.0       | 12.9                                  | 1,020                                  | 1,500        | 2,170                |
| 14T           | 1.5             | 7                 | 1.7               | 0.7                     | 1.2                         | 33.4                        | 0.4                     | 2.2                 | 39.3             | 2.0       | 12.9                                  | 1,020                                  | 1,500        | 2,390                |
| 16T           | 1.5             | 7                 | 1.7               | 0.7                     | 1.2                         | 35.6                        | 0.4                     | 2.3                 | 41.7             | 2.0       | 12.9                                  | 1,020                                  | 1,500        | 2,670                |
| 19T           | 1.5             | 7                 | 1.7               | 0.7                     | 1.4                         | 38.9                        | 0.4                     | 2.4                 | 45.2             | 2.1       | 12.9                                  | 1,020                                  | 1,500        | 3,130                |
| 24T           | 1.5             | 7                 | 1.7               | 0.7                     | 1.4                         | 43.2                        | 0.4                     | 2.6                 | 49.9             | 2.3       | 12.9                                  | 1,020                                  | 1,500        | 3,790                |
| 32T           | 1.5             | 7                 | 1.7               | 0.7                     | 1.6                         | 50.3                        | 0.4                     | 2.9                 | 57.3             | 2.7       | 12.9                                  | 1,020                                  | 1,500        | 5,040                |
| 1T            | 2.5             | 7                 | 2.2               | 0.7                     | 1.0                         | 10.9                        | 0.3                     | 1.3                 | 15.0             | 0.9       | 8.02                                  | 850                                    | 1,500        | 390                  |
| 2T            | 2.5             | 7                 | 2.2               | 0.7                     | 1.0                         | 17.4                        | 0.3                     | 1.5                 | 21.9             | 1.0       | 8.02                                  | 850                                    | 1,500        | 730                  |
| 3T            | 2.5             | 7                 | 2.2               | 0.7                     | 1.0                         | 18.6                        | 0.3                     | 1.6                 | 23.3             | 1.0       | 8.02                                  | 850                                    | 1,500        | 870                  |
| 4T            | 2.5             | 7                 | 2.2               | 0.7                     | 1.0                         | 20.6                        | 0.3                     | 1.7                 | 25.5             | 1.1       | 8.02                                  | 850                                    | 1,500        | 1,040                |
| 5T            | 2.5             | 7                 | 2.2               | 0.7                     | 1.0                         | 23.0                        | 0.3                     | 1.8                 | 28.1             | 1.1       | 8.02                                  | 850                                    | 1,500        | 1,250                |
| 6T            | 2.5             | 7                 | 2.2               | 0.7                     | 1.0                         | 26.1                        | 0.3                     | 1.9                 | 31.4             | 1.2       | 8.02                                  | 850                                    | 1,500        | 1,500                |
| 7T            | 2.5             | 7                 | 2.2               | 0.7                     | 1.0                         | 26.1                        | 0.3                     | 1.9                 | 31.4             | 1.2       | 8.02                                  | 850                                    | 1,500        | 1,580                |
| 8T            | 2.5             | 7                 | 2.2               | 0.7                     | 1.2                         | 28.9                        | 0.3                     | 2.0                 | 34.2             | 1.5       | 8.02                                  | 850                                    | 1,500        | 1,880                |
| 10T           | 2.5             | 7                 | 2.2               | 0.7                     | 1.2                         | 32.9                        | 0.4                     | 2.2                 | 39.0             | 1.7       | 8.02                                  | 850                                    | 1,500        | 2,430                |
| 12T           | 2.5             | 7                 | 2.2               | 0.7                     | 1.2                         | 34.9                        | 0.4                     | 2.3                 | 41.1             | 1.8       | 8.02                                  | 850                                    | 1,500        | 2,740                |
| 14T           | 2.5             | 7                 | 2.2               | 0.7                     | 1.2                         | 36.5                        | 0.4                     | 2.3                 | 42.8             | 1.8       | 8.02                                  | 850                                    | 1,500        | 3,010                |
| 16T           | 2.5             | 7                 | 2.2               | 0.7                     | 1.4                         | 39.3                        | 0.4                     | 2.4                 | 45.8             | 1.9       | 8.02                                  | 850                                    | 1,500        | 3,450                |
| 19T           | 2.5             | 7                 | 2.2               | 0.7                     | 1.4                         | 42.5                        | 0.4                     | 2.6                 | 49.4             | 2.0       | 8.02                                  | 850                                    | 1,500        | 3,990                |
| 24T           | 2.5             | 7                 | 2.2               | 0.7                     | 1.4                         | 47.3                        | 0.4                     | 2.8                 | 54.5             | 2.2       | 8.02                                  | 850                                    | 1,500        | 4,860                |
| 32T           | 2.5             | 7                 | 2.2               | 0.7                     | 1.6                         | 55.1                        | 0.4                     | 3.1                 | 62.8             | 2.6       | 8.02                                  | 850                                    | 1,500        | 6,460                |